

MOHAMMED SHARAF

Full Stack Developer

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PROFESSIONAL CERTIFICATION

- Google Cloud Professional Machine Learning Engineer Exam
- Google Cloud Associate Engineer Exam
- IBM Full Stack Software Developer Professional Certificate

EDUCATION

BSc (Hons) Software Engineering
Second Class Upper Division

University of Plymouth, 2019-2023

EXPERIENCE

Full-Stack Developer

Envicta Software, June 2023 - Present

- Architected an Online Ecommerce Store for home appliances and electronic items. Configured WooCommerce with Azure for image processing, utilized PHP for real-time CronJobs, and implemented a .NET backend for integrated product, stock, and order management. Resulted in a streamlined, scalable ecommerce platform.
- Exhibited exceptional adaptability within the WordPress ecosystem, effectively resolving pending tasks resulting from team technical limitations. Leveraged expertise in C# .NET to seamlessly integrate with the PHP-based WooCommerce platform. As an experienced full-stack developer, facilitated seamless progress by optimizing user experience and security measures through the implementation of robust authentication and authorization tools and techniques, propelling the project forward while bridging technology gaps.
- Mentored the team in best code practices, Git version control, and introduced Jira task management for improved collaboration. Resulted in accelerated completion of major project features, reducing estimated time by three weeks. This proactive approach and effective practices led to significant financial gains for the company and overall project success.
- Designed and developed a Customer Portal for payment management, incorporating subscription functionality. Integrated the Stripe payment gateway using the Stripe API and WebHooks, enabling seamless payment processing and real-time data synchronization.
- Demonstrated expertise in developing custom plugins and resolving issues caused by third-party plugins, resulting in a noteworthy 25% reduction in project costs on multiple occasions. Built custom WordPress plugins to optimize performance, enhance reliability, and drive cost-efficiency, leading to successful project outcomes.

Intern in Data Engineering

NCINGA PTE LTD, Jan 2023 - June 2023

- Enhanced machine learning skills with projects on algorithms and model training.
- Mastered Google Cloud Platform (GCP) for data ingestion, transformation, and storage.
- Utilized tools like Apache Spark, Apache Kafka, and SQL databases for data integration.

SKILLS

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|----------------------------|--|
| Programming Languages | JavaScript, Python, Java, TypeScript, C# |
| Frontend | React, Redux, Angular, jQuery |
| Backend Frameworks | Node.js, Express |
| Backend Platforms | .NET |
| Databases | MSSQL, MySQL, MongoDB, Redis |
| Content Management Systems | WordPress |
| Cloud Platforms | Azure, AWS, GCP |
| DevOps | Docker, Kubernetes, Webpack, CI/CD, Jenkins |
| Architecture & Frameworks | Microservices, Cloud Computing, REST, GraphQL |
| Testing | JUnit, Jest |
| Version Control | Git |
| Project Management | Jira, BitBucket, Confluence, Agile |
| Other Skills | OOP, DSA, MERN (MongoDB, Express.js, React.js, Node.js), Swagger, Plugin Development, AdobeXD, Canva, Pdfsharp, Send-Grid, Stripe |

PROJECTS

- **Final Year Project Bandu_LK (2023):** Developed a worker searching system using React JS and React Native (MERN stack), involving end-to-end software development. The project includes integration of Google Maps API, email.js for email functionality, integration of a payment gateway, and Dialogflow for chat system implementation. Deployed on Heroku for production.
- **Portfolio website:** Developed a portfolio website using React.js, React Three Fiber (r3f), Tailwind CSS, and Three.js.
- **nexlex.lk:** Developed a website using React.js for the frontend and Laravel for the backend.
- **MERN Task Manager:** Developed a task management application using the MERN stack (MongoDB, Express.js, React.js, Node.js).
- **Hospital Management System Website:** Developed a website for hospital management system using Java.
- **Shopping Management System:** Developed a shopping management system using .NET.
- **Web Scraping System:** Developed a web scraping system using Tkinter, MongoDB, and Selenium.

REFERENCES

Mr. Mohammed Shafraz
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NSBM Green University
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Mrs. Manoja Weerasekara
Faculty of Computing Department Head
NSBM Green University
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CERTIFICATIONS (Continued)

LinkedIn Learning

- SQL for Non-Programmers
LinkedIn Issued Feb 2022 Credential ID AbcNMliENJxUMngVr8NNMj1Sdl
- Learning REST APIs
LinkedIn Issued May 2022 Credential ID ASYKp9Nt2Ge5oo8aT38TTlv6u4h2
- Introduction to Web APIs
LinkedIn Issued May 2022 Credential ID AcegC-25tSwllS16xB8YJknbtay
- Learning Java
LinkedIn Issued Apr 2022 Credential ID ATrJBcSUkCqfUvvp7mduW2ciSBLb
- Figma for UX Design
LinkedIn Issued Mar 2022 Credential ID AaDF4eoNsOQtYqfCpLPZ2XBq44WF